

Product datasheet for **RR203961**

Vps36 (NM_001106092) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vps36 (NM_001106092) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Vps36
Synonyms:	RGD1309754
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR203961 representing NM_001106092 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGACCGCTTCGTGTGGACCAGCGCCTCCTGGAGATCAACGAGACCCTGGTATCCAGCAGCGAGGAG
TGCGCGTCTACGACGGCGAGGAGAAGATAAAATTTGATGCTGGGACTCTTCTCCTTAGTACACCCGGCT
GATTTGGAGAGACCAGAAAAACAATGAGTGTGCATGGCCATTCCTATCGCAGATTGTGTTTCATCGAG
GAGCAGGCGGCTGGAATTGGGAAGAGTGCCAAAATCGTGGTTCATCTGCACCCAGCCCTCTAACAAAG
AACCCGGCCCATTCAGAGCAGTAAGAACTCTACATCAAGCTCTCCTTCAAAGAGCATGGTCAGATCGA
GTTTTACAGGCGTTTATCAGAGGAGATGACCCAAAGAAGATGGGAGACAGTGCCAGTTTTCCAGTCACTA
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CCTATGGCTCAGGCACACAGTACCACATGCAACTGGCCAAGCAGCTGGCCGGGATATTGCAAGGCTCCCTT
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TTGCTCTCACCAGAAGACTTAGTAAATGCATGCAAGATGCTGGAAGGCCTGAAACTGCCTGTCAGACTCC
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GCTTGGGTTTTATCCAAATTTATTTATGACACAGAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence: >RR203961 representing NM_001106092
 Red=Cloning site Green=Tags(s)

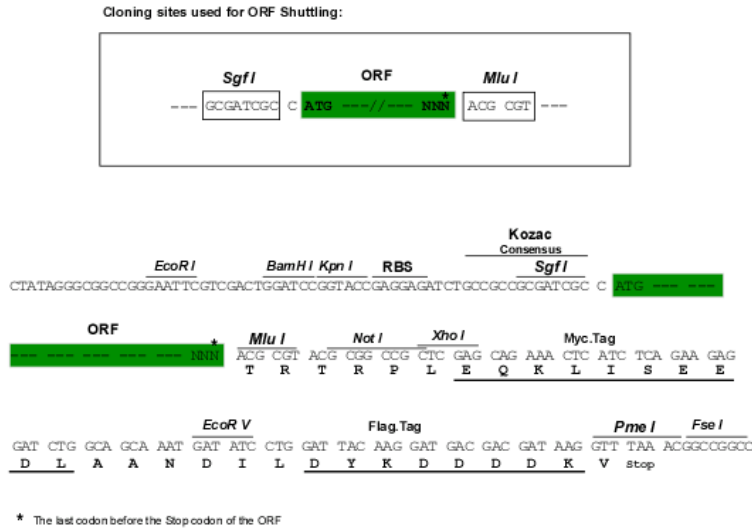
MDRFVWTSGLLEINETLVIQQRGVRVYDGEKIKFDAGTLLLSTHRLIWRDQKNECCMAIPLSQIVFIE
 EQAAGIGKSAKIVVHLHPAPPNKEPGPFQSSKNSYIKLSFKEHQIEFYRRLSEMTQRRWETVPVSQSL
 QTKKGPQGRIRAVGIVGIERKLEEKRETDKNISEAFEDLSKLMIKAKEMVELSKSIANKIKEKQGDVT
 EDETIRFKSYLLSMGIANPVTRRETYGSGTYHMQLAQLAGILQAPLEERGGIMSLTEVYCLVNRARGME
 LLSPEDLVNACKMLEGLKLPVRLRVFDSGVMVIELQTHKEEMVSALETVSEKSLTSEEFKLVGMSV
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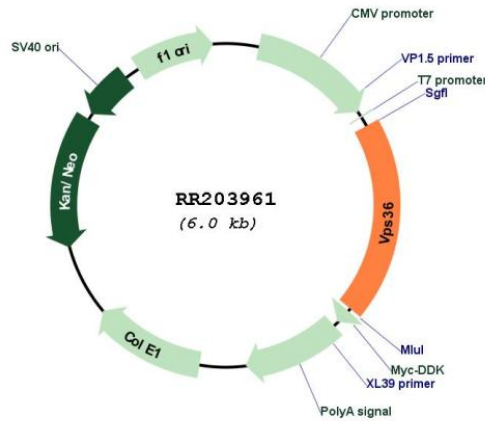
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_001106092

ORF Size:	1158 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001106092.2 , NP_001099562.2
RefSeq Size:	1323 bp
RefSeq ORF:	1161 bp
Locus ID:	290851
Cytogenetics:	16q12.5
MW:	43.7 kDa